## IN THE CLAIMS

Please amend the claims as follows:

- An implantable device for delivering cardiac function therapy to a 1. (Currently Amended) patient, comprising:
  - a plurality of pacing channels for delivering pacing pulses to multiple ventricular sites;
- a parasympathetic stimulation channel for stimulating parasympathetic nerves innervating the heart;
  - a sensor for measuring cardiac output;
  - an exertion level sensor for measuring the patient's exertion level;
- a controller for controlling the delivery of pacing pulses to the multiple ventricular sites in accordance with a programmed pacing mode;

wherein the controller is programmed to deliver multi-site ventricular pacing therapy in conjunction with parasympathetic stimulation and wherein the controller is further programmed to deliver the multi-site ventricular pacing therapy with a pacing pulse output sequence that preexcites at least one myocardial region relative to other regions for reducing ventricular wall stress:

wherein the controller is further programmed to deliver the multi-site ventricular pacing in accordance with a demand pacing mode that counteracts slowing of the heart rate by the parasympathetic stimulation so that no slowing of the heart rate occurs prevents slowing of the heart rate below a specified minimum value due to the parasympathetic stimulation; and,

wherein the controller is programmed to compute a function that maps exertion levels to minimum cardiac output values considered to be adequate for a particular exertion level and is further programmed to cease the delivery of parasympathetic stimulation if a presently measured cardiac output is below the minimum cardiac output indicated as adequate by the computed function.

2. (Cancelled)

- The device of claim 1 wherein the cardiac output sensor is a trans-3. (Previously Presented) thoracic impedance measuring circuit.
- The device of claim 1 wherein the controller is programmed to 4. (Previously Presented) deliver parasympathetic stimulation only when cardiac output is above a specified limit value.
- The device of claim 1 wherein the controller is programmed to 5. (Previously Presented) modulate the delivery of parasympathetic stimulation in accordance with the measured exertion level.
- The device of claim 5 wherein the controller is programmed to deliver parasympathetic stimulation only when the measured exertion level is below a specified limit value.
- 7. (Cancelled)
- 8. (Previously Presented) The device of claim 1 wherein the controller is programmed to compute the function that maps exertion levels to minimum cardiac output values considered to be adequate for a particular exertion level using a look-up table.
- The device of claim 5 wherein the exertion level sensor is a minute ventilation 9. (Original) sensor.
- 10. (Original) The device of claim 5 wherein the exertion level sensor is an accelerometer.
- 11. (Currently Amended) A method for operating an implantable cardiac device in order to deliver therapy to a patient, comprising:

stimulating parasympathetic nerves innervating the heart in order to reduce ventricular wall stress:

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delivering multi-site ventricular pacing therapy with a pacing pulse output sequence that pre-excites at least one myocardial region relative to other regions;

delivering pacing pulses to multiple ventricular sites in accordance with a demand pacing mode that counteracts slowing of the heart rate by the parasympathetic stimulation so that no slowing of the heart rate occurs-prevents slowing of the heart rate below a specified minimum value due to the parasympathetic stimulation;

measuring cardiac output;

measuring the patient's exertion level; and,

computing a function that maps exertion levels to minimum cardiac output values considered to be adequate for a particular exertion level and ceasing the delivery of parasympathetic stimulation if a presently measured cardiac output is below the minimum cardiac output indicated as adequate by the function.

## 12. (Cancelled)

- 13. (Previously Presented) The method of claim 11 further comprising measuring cardiac output sensor by measuring trans-thoracic impedance.
- 14. (Previously Presented) The method of claim 11 further comprising delivering parasympathetic stimulation only when cardiac output is above a specified limit value.
- The method of claim 11 further comprising modulating the 15. (Previously Presented) delivery of parasympathetic stimulation in accordance with the measured exertion level.
- 16. (Original) The method of claim 15 further comprising delivering parasympathetic stimulation only when the measured exertion level is below a specified limit value.

## 17. (Cancelled)

- 18. (Previously Presented) The method of claim 11 further comprising computing the function that maps exertion levels to minimum cardiac output values considered to be adequate for a particular exertion level using a look-up table.
- 19. (Original) The method of claim 15 further comprising measuring the exertion level by measuring minute ventilation.
- 20. (Original) The method of claim 15 further comprising measuring the exertion level by measuring body acceleration.
- 21. (Withdrawn) A monitoring device that monitors a patient, comprising:

at least one lead having an electrode, positioned proximate a location within a body of the patient and adapted to sense cardiac electrical activity; and

a control system coupled to the at least one lead to receive a signal representative of the cardiac electrical activity.

- 22. (Withdrawn) The monitoring device of claim 21, wherein the at least one lead is positioned proximate a location selected from one of a carotid artery and a carotid sinus.
- 23. (Withdrawn) The monitoring device of claim 21, wherein the control system is adapted to generate an electrocardiogram based on the cardiac electrical activity sensed by the at least one lead.
- 24. (Withdrawn) The monitoring device of claim 23, wherein the control system is further adapted to store the electrocardiogram.
- 25. (Withdrawn) A baroreflex activation system, comprising:

at least one lead having an electrode at a distal end, positioned proximate a location within the body of a patient and adapted to sense cardiac electrical activity;

a control system coupled to the at least one lead and to receive a signal representative of the cardiac electrical activity, and to deliver a baroreflex therapy through the at least one lead.

- 26. (Withdrawn) The baroreflex activation system of claim 25, wherein the baroreflex therapy is delivered in response to the cardiac electrical activity sensed by the at least one lead.
- 27. (Withdrawn) The baroreflex activation system of claim 25, wherein the at least one lead is positioned proximate a baroreflex site selected from one of a carotid artery and a carotid sinus.
- (Withdrawn) The baroreflex activation system of claim 25, wherein the control system is 28. adapted to generate an electrocardiogram based on the sensed cardiac electrical activity.
- (Withdrawn) A method of monitoring cardiac activity and applying a baroreflex therapy 29. for a patient, comprising:

implanting a baroreflex activation system within a body of the patient, the baroreflex activation device including a control system and at least one electrode, the at least one electrode adapted to deliver a signal and to sense cardiac electrical activity;

positioning the at least one electrode at a location within the body of a patient; causing the baroreflex activation system to sense cardiac electrical activity via the at least one electrode; and

causing the baroreflex activation system to deliver a baroreflex therapy.

- 30. (Withdrawn) The method of claim 29, wherein the baroreflex therapy delivered by the baroreflex activation system is modulated in response to the sensed cardiac electrical activity.
- 31. (Withdrawn) The method of claim 30, wherein the control system generates an electrocardiogram based on the sensed electrical cardiac activity by the at least one electrode.
- (Withdrawn) The method of claim 31, wherein the at least one electrode is positioned 32. proximate a baroreflex site selected from one of a carotid artery and a carotid sinus.

- (Withdrawn) A method of monitoring cardiac activity for a patient, comprising: 33. providing at least one lead having an electrode adapted to sense a cardiac parameter; providing a control system adapted to be coupled to the at least one lead to receive signals from the at least one lead representative of the cardiac parameter; and providing instructions to position the at least one lead proximate a first location within a body of the patient.
- (Withdrawn) The method of claim 33, wherein the control system is adapted to generate 34. an electrocardiogram based on the sensed cardiac electrical activity.
- 35. (Withdrawn) The method of claim 34, wherein providing instructions to position the at least one lead comprises providing instructions to position the at least one lead proximate a baroreflex site selected from one of a carotid artery and a carotid sinus.